

ABSTRACT

~~A METHOD TO PERFORM CENTRAL CONTROL, A LINE TERMINATOR AND AN  
ELEMENT CONTROLLER REALIZING SUCH A METHOD AND A TREE-LIKE NETWORK  
5 INCLUDING SUCH A LINE TERMINATOR AND AN ELEMENT CONTROLLER~~

The present invention concerns a method to perform central control of in-line element (Ei) in a tree-like network by a line terminator (LT). A plurality of network terminators (NT1, NT2, ..., NTi, ..., NTn) are coupled via one or more of such  
10 in-line elements (Ei) to the line terminator (LT) by dedicated branches and by a common branch, respectively. The method includes the steps of:

- determining by the line terminator (LT) a first plurality of bits (A) according to an identification of a selected element (SEL-E) and a second plurality of bits (B) according to an identification of a locally predefined function (SEL-F)  
15 whereby the selected element (SEL-E) has been selected by the central control out of the in-line elements (Ei) in order to execute its locally predefined function (SEL-F); and

- including by the line terminator (LT) in a grant message (G) the first plurality of bits (A) and the second plurality of bits (B);

20 - forwarding the grant message (G) by the line terminator (LT) to the in-line elements (Ei) in order to thereby impose execution of the locally predefined function (SEL-F) according to the second plurality of bits (B) upon the selected element (SEL-E) according to the first plurality of bits (A).

005220" 69TET560